

ENCROACHMENT PERMIT

Pursuant to Resolution No. 11065 of the City of Riverside, permission is hereby granted to Garner Trust  
3732 Main Street  
Riverside, CA 92501

their heirs and assigns, hereinafter referred to as "Permittee" to use and occupy the following described property.

That portion of the public right of way of the Riverside Pedestrian Mall (formerly Main St.) lying between University Avenue and Seventh Street together with that portion of the public right of way of that certain alley, 15 feet in width, lying between said pedestrian mall and Orange Street bounded northeasterly by Seventh Street and bounded southwesterly by University Avenue as shown by the attached Exhibit "A",

in accordance with the terms hereof.

1. Permittee shall use and occupy the described property only in the manner and for the purposes as follows: Construction and maintenance of a water vault encroaching into said pedestrian mall right of way and a grease trap encroaching into said public right of way of said alley as shown by the attached Exhibit "A",

1a. Permittee shall acquire all necessary construction and/or street opening permits.

1b. All work in the public right of way shall be done by a licensed contractor.

1c. Prior to construction, the permittee shall contact all utility owners with facilities in said alley to insure that the installation of said grease trap does not interfere with existing or proposed facilities.

1d. The applicant shall be responsible for restoring any damaged improvements to their original condition or better to the specifications of the Public Works Department, Park and Recreation Department and/or the Cultural Heritage Board.

2. Permittee, by acceptance of the benefits hereunder, acknowledges title to the property to be in the City of Riverside and waives any right to contest the validity of the dedication or grant.

3. Permittee acknowledges that the described property is the site of a proposed or planned public improvement and that, accordingly, all rights and privileges of use permitted shall cease and expire upon notice of revocation by the City. Upon the expiration or revocation, Permittee shall, within the time prescribed by the City, remove all improvements or obstructions placed, constructed or maintained by the Permittee. If the Permittee fails to abide by the removal order of the City within the time prescribed, the City shall have the right to remove and destroy the improvements without reimbursement to the Permittee and the cost of such removal shall be paid by the Permittee to the City of Riverside and shall constitute a debt owed to the City of Riverside.

4. Permittee, by acceptance hereof, waives the right of claim, loss, damage or action against the City of Riverside arising out of or resulting from revocation, termination, removal of the improvements or any action of the City of Riverside, its officers, agents or employees taken in accordance with the terms hereof.

5. Finding and determination by the City Council of the City of Riverside that the Permittee, or his heirs and assigns or successors in interest, are in default of the terms hereunder shall be cause for revocation.

6. Permittee herewith agrees to hold the City of Riverside harmless from and against all claims, demands, costs, losses, damages, injuries, action for damages and/or injuries, and liability growing or arising out of or in connection with the construction, encroachment, and/or maintenance to be done by Permittee or his agents, employees or contractors within the described property.

DATED: MAR. 3 - 1987

CITY OF RIVERSIDE, a municipal corporation

By *At Brown* Mayor

Attest *Ellie A. Hume* City Clerk

The foregoing is accepted by:

GARNER TRUST

*Charles H. Garner*, TRUSTEE  
(Signature(s) of Permittee)

APPROVED AS TO CONTENT

*William D. Gardner*  
Department Head (Public Works)

*B. J. [Signature]*  
Department Head (Public Utilities)

APPROVED AS TO FORM

*John Woodhead*  
City Attorney

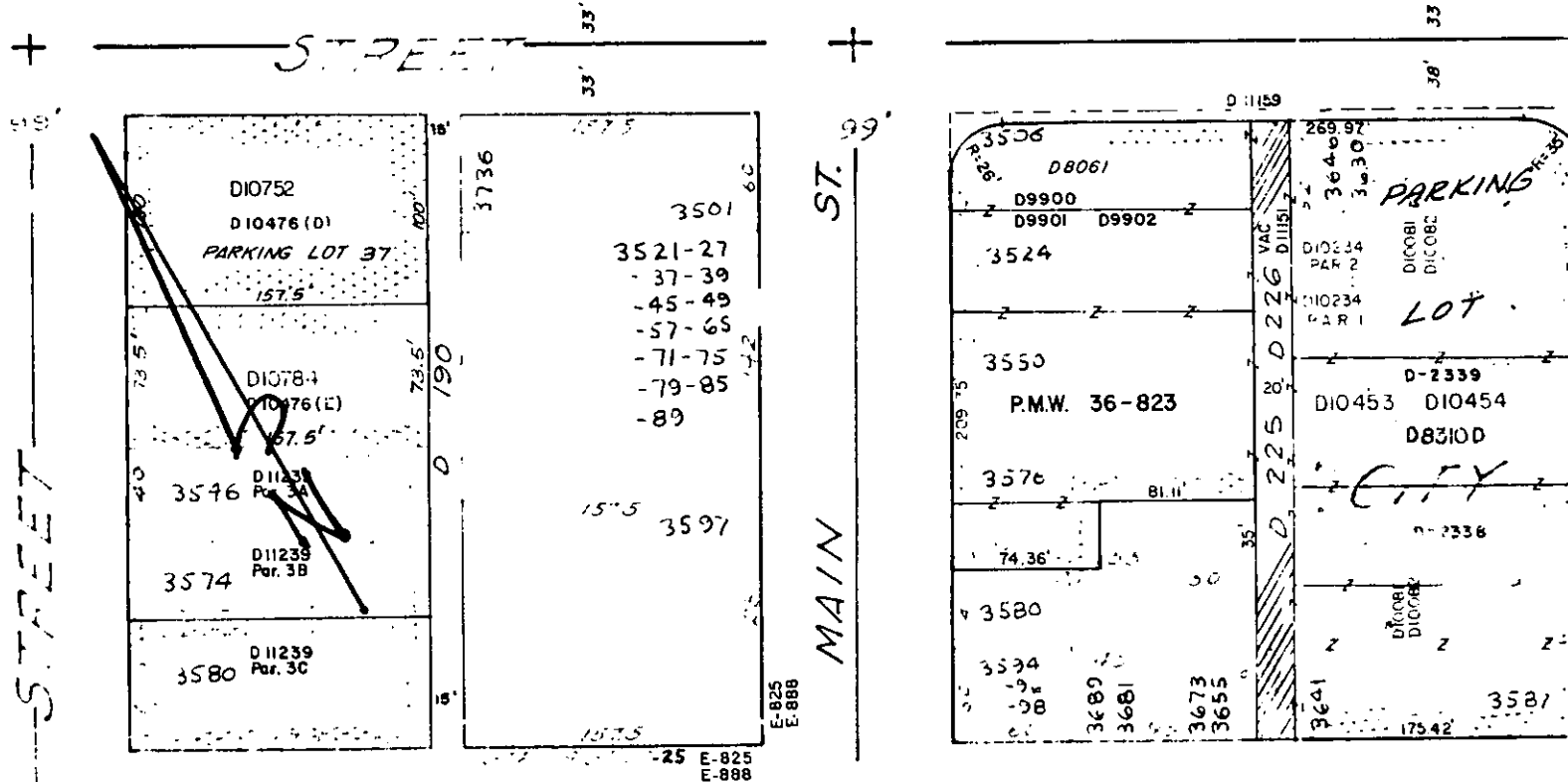
*W. V. Bachman*  
Department Head (Parks and Recreation)

CITY MANAGER APPROVAL

*[Signature]*  
Alan Curl - Cultural Heritage Board

*Laurence E. [Signature]*  
Industrial Waste

*Robert E. Fremont*  
City Manager



# SPECIFICATIONS FOR BROOKS PRODUCTS, INC.

## FOR

## PRECAST CONCRETE VAULTS, MANHOLES SECTIONS

### I. DESIGN LOADS

Design loads consist of dead load, live load, and impact loads. Dead loads include hydrostatic pressure due to the water table assumed to be at three (3) feet.

These loads comply with those set forth in the Standard Specification for Highway Bridges adopted by the American Association of State Highway Officials (AASHTO) as last revised. Live loads are designed for H-20 and/or H-20-S16 with wheel loads of 16,000 pounds. The governing live load shall be the load that produces the maximum shears and bending moment in that structure. The dead load is considered to be the worst condition with the water table located at 3'-0" below the surface.

### II. FORMS

All forms used for the placement of concrete are of metal and structurally designed and constructed to maintain their alignment under the extreme pressure of the concrete during placement.

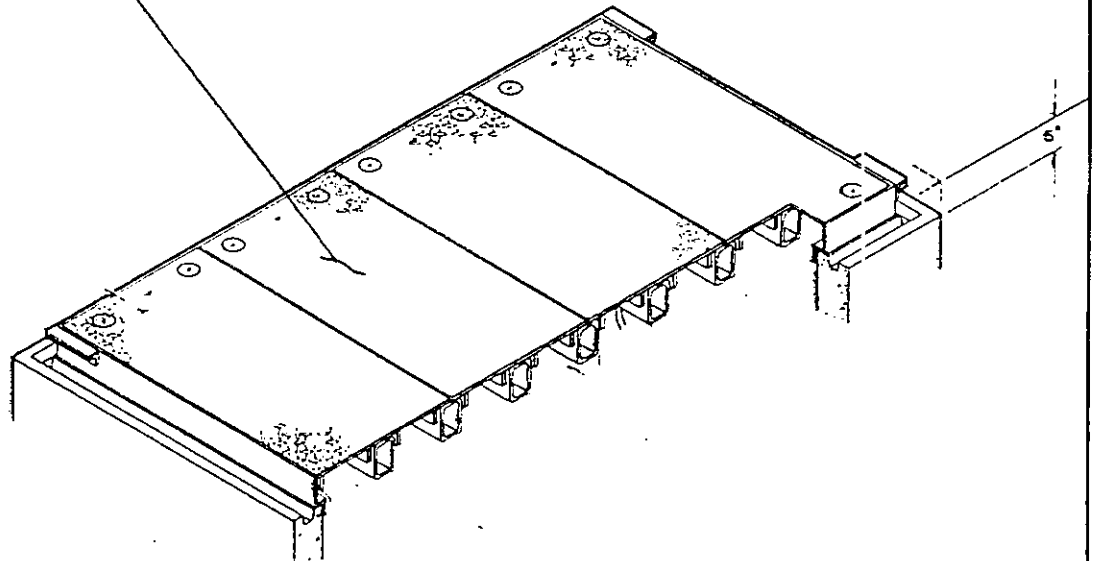
### III. CONCRETE

- A. AGGREGATES: All aggregates fine and coarse other than lightweight aggregate conform to the specification outlined by American Society for Testing Materials (ASTM) C-33-64 as last revised. Lightweight aggregates fine and coarse conform to the specifications outlined by ASTM C-330-64T. Aggregates are to be free of deleterious substance causing reactivity with oxidized hydrogen sulfide. Both types of aggregate are graded in such a manner that they produce a homogeneous concrete mix. All materials are accurately weighed at a central batching facility for mixing.
- B. CEMENT: All cement shall be Portland Cement conforming to ASTM C150, Type II. Cement content shall be the amount to produce compressive strengths of 4000 PSI or other design strengths as required.
- C. CONCRETE PLACEMENT: All concrete is handled from the mixer by transport vehicle to the forms and deposited in a continuous manner, as rapidly as possible without segregation or loss of ingredients until the form is completed. The concrete is placed in layers not to exceed two (2) feet deep per each layer. Each layer shall be compacted by Mechanical, internal, vibrating equipment. The duration of the vibration cycle shall be limited to the time necessary to produce satisfactory consolidation without causing objectionable segregation.

### IV. REINFORCING STEEL:

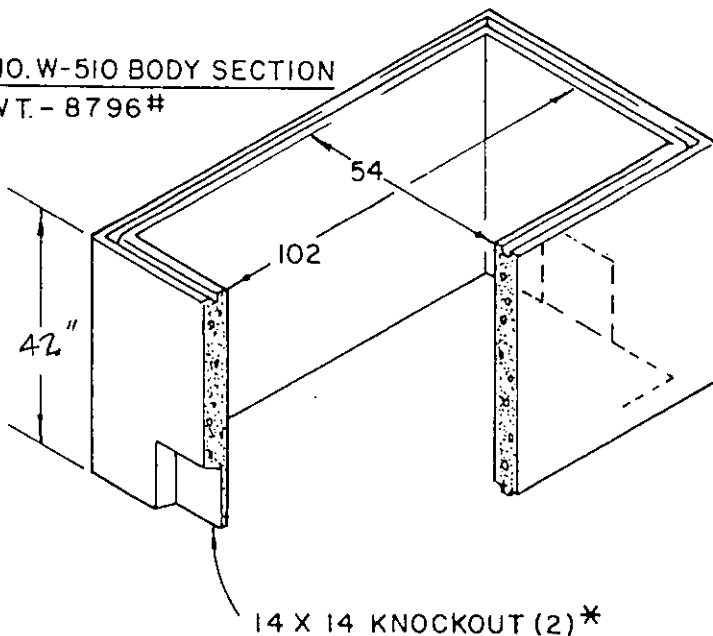
All reinforcing steel, including welded wire mesh, shall be of the size and placed in the location as shown on the steel reinforcing drawings. All reinforcing shall be secured to withstand any displacement during the pouring operation. All bars shall be intermediate or hard core billet steel conforming to ASTM A-615 and/or A-706, bars other than  $\frac{1}{4}$ " round or smaller shall be deformed in accordance with ASTM A-305.

(4) PC STEEL TRAFFIC COVER  
BOLT-DOWN GALV W/ ADJ.  
GALV STEEL FRAME



FRAME AND COVER  
DETAIL

NO. W-510 BODY SECTION  
WT. - 8796#



DEPTH MAY BE INCREASED OR  
DECREASED PER CUSTOMER  
SPECIFICATION - SPECIFY

MAXIMUM ALLOWABLE DEPTH FOR  
TRAFFIC LOAD WITH NECK AND  
EXTENSION (NOT SHOWN) - 12' 0"

28 DAY CONCRETE COMPRESSIVE  
STRENGTH = 3000 PSI

DESIGN LOADING H-20-44 WITH  
FOOTINGS (CONTRACTOR  
FURNISHED) OR BASE

\*OTHER WINDOW SIZES AVAILABLE  
ON SPECIAL ORDER

BOTTOM SECTION AVAILABLE

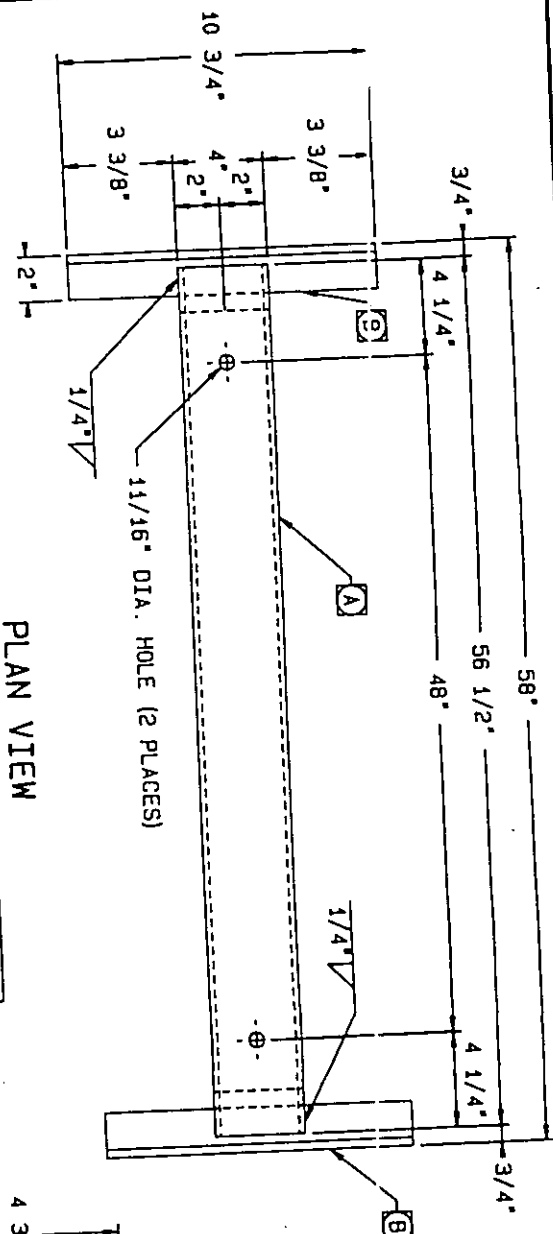
4' 6" X 8' 6" UTILITY  
VAULT WITH 6" WALLS

REVISED

DRAWING NUMBER

W-510 SERIES

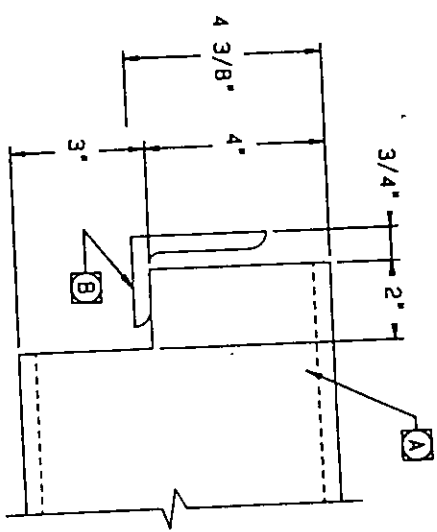
**BROOKS PRODUCTS INC.**



PLAN VIEW

MATERIAL LIST	
ITEM	DESCRIPTION
A	3/8" X 4" X 7" RECTANGULAR TUBE X 56 1/2" (COPE ENDS PER END DETAIL)
B	3" X 2" X 3/8" ANGLE X 10 3/4"

END DETAIL



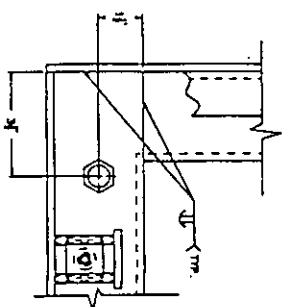
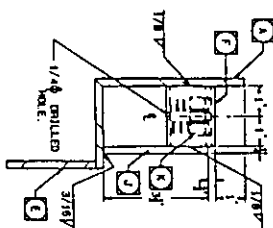
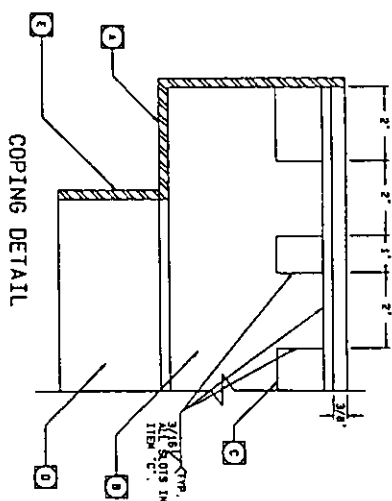
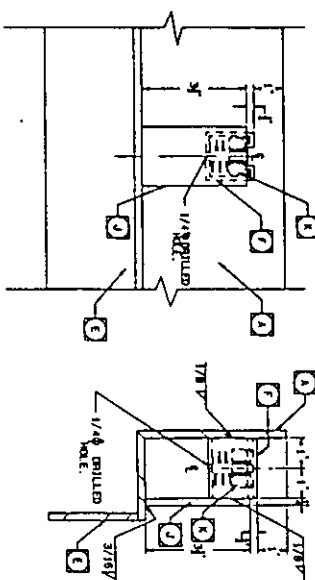
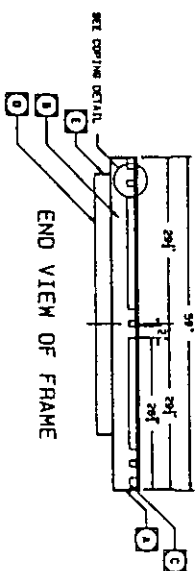
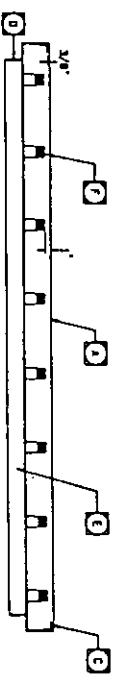
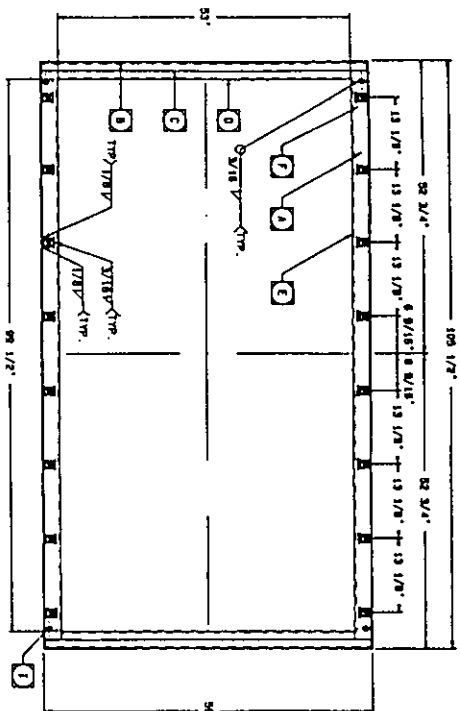
NOTES:

1. GALV. BEAM PER BMS 15027.
2. BEAM TO BE USED IN 510-328 FRAME.
3. LINEAR DIMENSIONAL TOLERANCES +/- 1/8" UNLESS NOTED.
4. TOTAL WEIGHT OF BEAM IS 128#.



**BROOKS PRODUCTS, INC.**  
4505 LITTLEJOHN (818) 443-3017  
BALDWIN PARK, CA. 91706

DR.	DATE	SCALE	REVISION	DATE	BY
S.M.R.	5-21-86	VARIES	B	9-19-86	D.C.
			C	11-7-86	S.B.
510-324 P.6.GE. GALV.			510-324		
TUBE BEAM FOR FULL TRAFFIC					



CUSTOMER SPECIFICATIONS			
	FRAME FINISHES		
UTILITY	RED POWDER	BLACK / POLISH	ANTICORROSIVE / POLISH
PASSENGER POWER			X
RECREATION	X	X	

BILL OF MATERIALS		
ITEMS	QTY	DESCRIPTION OF MAT'L
A	2	5" x 3" x 1/4" ANGLE x 104 7/8"
B	2	5" x 3" x 1/4" ANGLE x 50" ISOPO
C	2	1 1/2" x 1 1/2" x 1/4" ANGLE x 50 3/4" ISOPO
D	2	1/8" x 3" x 1/8" x 53"
E	2	1/8" x 3" x 1/8" x 80 3/4"
F	16	1-3/8" x 1-5/8" UNISTRUT x 2" HOLE (DETAIL)
G	4	3/4" COIL THREAD NUT x 4"
H	16	1/2"-13NC UNISTRUT SPRING NUT
I	4	3/4" COIL NUT
J	16	1/4" x 3" x 1/8" x 3 1/2"
K	16	1/2" SPRING NUT.

1. JING & HUNT SHOOT ON RAINING.
2. JING IN FIRM COVER AND GAITE NOT TOUCHED.
3. FILET HUNT TO BE 1/2" UNLESS NOTED.
4. DIMENSIONS 10' SQUARES.
5. LUMBER 1/2" 1/8" UNLESS OTHERWISE NOTED AND RESAUE BUSHES 1/2" 1/8" DIFFERENCE IN DIAMETER, RESAUE ALL MATERIAL, YTL BE EITHER SPEARED OR SHOT OUT.
6. 1/2" 1/8" UNLESS OTHERWISE NOTED.
7. 1/2" 1/8" UNLESS OTHERWISE NOTED.
8. SEE DOW, NO. 510-223 FOR STEEL GAITE.
9. SEE DOW, NO. 510-121 FOR STEEL GAITE, 1/2" 1/8" UNLESS OTHERWISE NOTED.
10. SEE DOW, NO. 510-121 FOR STEEL GAITE, 1/2" 1/8" UNLESS OTHERWISE NOTED.
11. SEE DOW, NO. 510-223 FOR BLACK TIE, TUBE BEAM.
12. TOTAL WEIGHT OF PLANE IS 2660.

**BROOKS PRODUCTS, INC.**  
4000 LITTLEJOHN STREET  
BALDWIN PARK, CA. 91706 (818) 443-3017

THE DESIGN AND DETAILS OF THIS DRAWING ARE THE PROPERTY OF BROSSE PRODUCTS INC. AND NOT TO BE USED EXCEPT IN CONNECTION WITH ITS OWN WORK. DESIGN AND INVENTION RIGHTS ARE RESERVED.

REVISION  
f  
c  
o

DATE  
0-24-00  
9-22-00  
4-0-00  
0-19-00

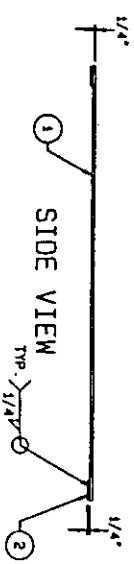
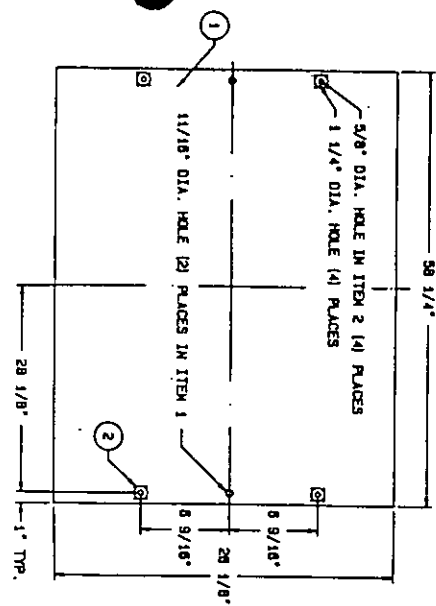
DESCRIPTION	REV'D TO TABULATED DWG.
CHANGE BOLT SIZES / ADD WELDS	
REV'D LENGTH OF STEEL "N"	
REV'D DIMENSION OF BOLT-ON BRACKET	

SCALE:	NONE
DRAWN BY:	DAVEY H. LOPEZ SR
DATE:	SEPT 22, 1968

SHEET TITLE: \_\_\_\_\_  
 DWG. NO. \_\_\_\_\_

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PLAN VIEW



MATERIAL LIST

ITEM	QTY	DESCRIPTION
1	1	1/4" X 28 1/8" X 58 1/4" FLOOR PLATE
2	4	1/4" X 1 3/4" X 1 3/4" FLAT BAR

NOTES:

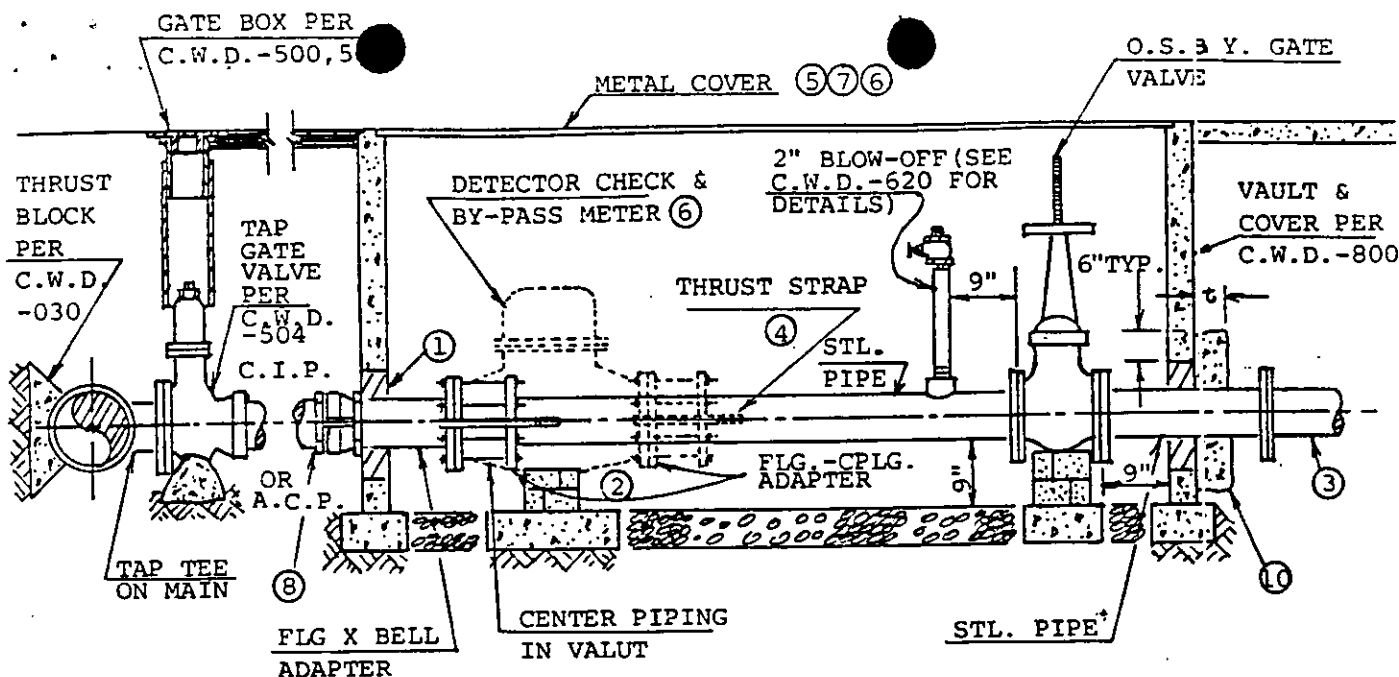
1. ALL LINEAR DIMENSIONS ARE +/- 1/8".
2. ITEM 1 WILL BE SQUARE TO WITHIN 1/8" DIFFERENCE IN DIAGONAL MEASURE.
3. ALL MATERIAL WILL BE EITHER SHEARED OR SAW CUT.
4. HOLES WILL BE DRILLED OR POUNCED.
5. TOTAL WEIGHT OF COVER IS 120.14.

CUSTOMER SPECIFICATIONS

UTILITY	RED PULVED	BLACK	GRAY	ALUMINUM	ANTICORROSIVE	COVER MARKINGS
PASSED POWER						X
SECONDARY	X	X				

**BROOKS PRODUCTS, INC.**  
 600 LITTLETON (213) 443-3017  
 510 SERIES GALV  
 COVER TABULATED  
 510-121





# NOTES:

- ① DRY PACK PIPE OPENINGS
- ② SUPPORT DETECTOR CHECK & GATE ON CONCRETE PAD WITH CONCRETE BLOCKS & WOOD SHIMS.
- ③ BY CUSTOMER FROM FLANGE END.
- ④ PROVIDE 2-1½" X ½" THRUST STRAPS AT  $\frac{1}{2}$  OF PIPE.
- ⑤ ADJUST VAULT & COVER TO MEET SIDEWALK & CURB GRADE.
- ⑥ CONTRACTOR SHALL INSTALL ALL PIPE, FITTINGS, & MATERIALS BETWEEN THE TAP GATE & "PIPING BY CUSTOMER", INCLUDING TEMPORARY FLG. COUPLING CONNECTION AT THE DETECTOR CHECK LOCATION UNLESS OTHERWISE SHOWN ON THE PLANS. CITY FORCES WILL FURNISH & INSTALL DETECTOR CHECK, AND FABRICATE METER READING LID.
- ⑦ PIPING & METAL VAULT COVER SHALL BE PAINTED PER SECTION 310.
- ⑧ PROVIDE JOINT RESTRAINT, "STAR SUPPLY CORP" OR APPROVED EQUAL.
- ⑨ REFER TO SECTIONS 2-9, 3-1, 3-2, 3-4, 3-6, 3-7, & 3-8.
- ⑩ POUR P.C.C. 480-c-2000 CONCRETE THRUST COLLAR AGAINST WALL OF VAULT. COLLAR THICKNESS (t) = 8" FOR 10" SERVICES AND 6" FOR ALL REMAINING SERVICES.
- ⑪ SEE CWD-610-2 FOR MATERIALS CALL OUT.

SHEET A3

WATER  
DISTRIBUTION AND TRANSMISSION  
CONSTRUCTION METHODS

FIRE SERVICE  
4" THROUGH 10"

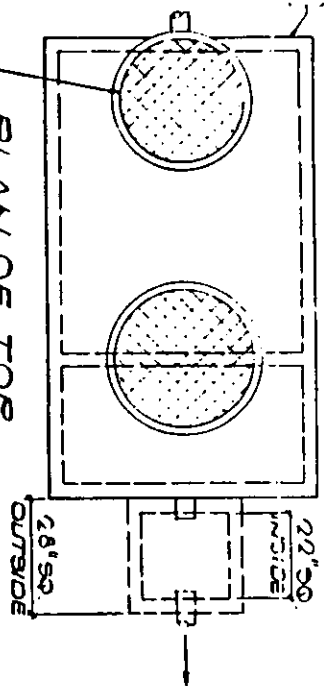
RIVERSIDE PUBLIC UTILITIES DEPT. STANDARD

DATE: MARCH 1983

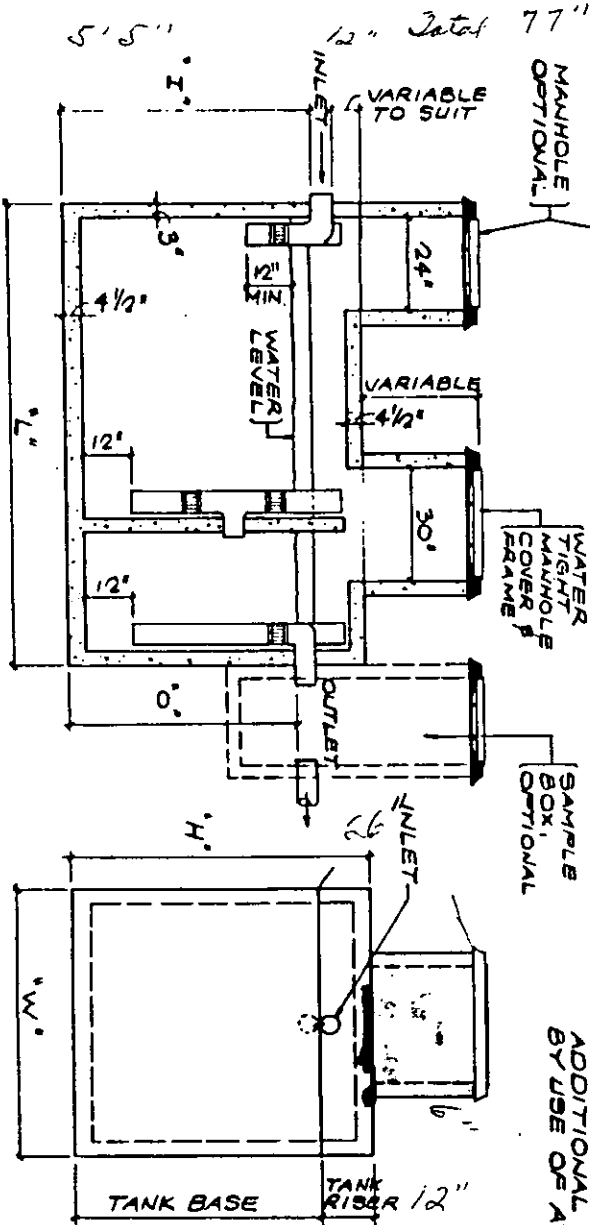
C.W.D.-610-1

~~SHEET B OF 2~~

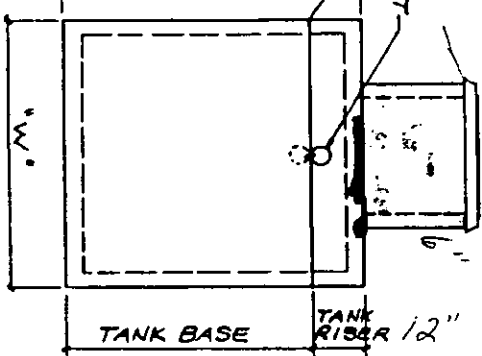
# GREASE TRAP



PLAN OF TOP



CROSS SECTION



END VIEW

MODEL RGT-2					
CAPACITY (U.S. GAL)	520	760	1000	1200	1500
LENGTH "L"	8'-0"	8'-0"	8'-0"	8'-0"	10'-0"
WIDTH "W"	4'-10"	4'-10"	4'-10"	4'-10"	5'-4"
INLET "I"	2'-10"	3'-10"	4'-10"	5'-4"	5'-5"
OUTLET "O"	2'-6"	3'-6"	4'-6"	5'-0"	5'-1"
MIN. HT. "H"	4'-0"	5'-8"	7'-0"	7'-6"	7'-6"

ADDITIONAL TANK HEIGHT MAY BE OBTAINED BY USE OF AVAILABLE HIGHER TANK RISER

## NOTE:

1. EXCAVATION MUST BE 1 FT LARGER THAN UNIT SIZE.
2. EXCAVATION BASE MUST BE LEVEL AND COMPACT - 6" SAND, PEA ROCK, OR ROAD BASE RECOMMENDED.
3. CONCRETE OF PORTLAND CEMENT DESIGN, FLOURED & VIBRATED TO DEVELOP MINIMUM 3000 PSI AT 28 DAYS & REINFORCED WITH NO. 3 DEFORMED BARS AS PER STRUCTURAL DRAWINGS, DESIGNED & CONSTRUCTED AS PER UNIFORM PLUMBING CODE. STRUCTURAL DRAWINGS AVAILABLE UPON REQUEST.

## TABLE:



LOCATED ON INLET END, UPPER LEFT HAND CORNER

FRED L. ASHTON AND ASSOCIATES, INC. STRUCTURAL ENGINEERING 907 WEST FOOTHILL BLVD. TELEPHONE: (714) 624-6665

GREASE INTERCEPTOR KITCHEN WASTE TYPE 520 GAL TO 1500 GAL.

PYRAMID PRECAST CO. INC. 2536 N. LOCUST ARLING, CALIFORNIA 92376 PHONE 714-8234255

DATE	MAY 1986
DRAWN BY	T. DANNA
MODEL NO.	RGT-2



18/87 - What we have on order is a 1500 gal RGT with 12" waterhead & 2" ea 6" mainhole extension. That's all (walls & extensions)

@ \$1495.00

PLAN FILE NO.

BASE SKETCH

CONSTR. SKETCH

BY: 11/11

BY: 11/11

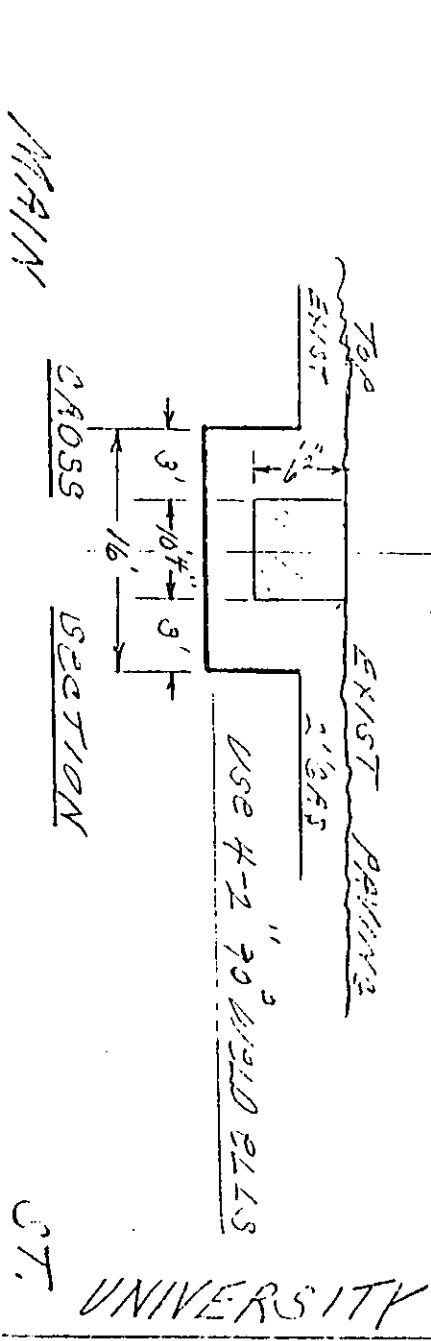
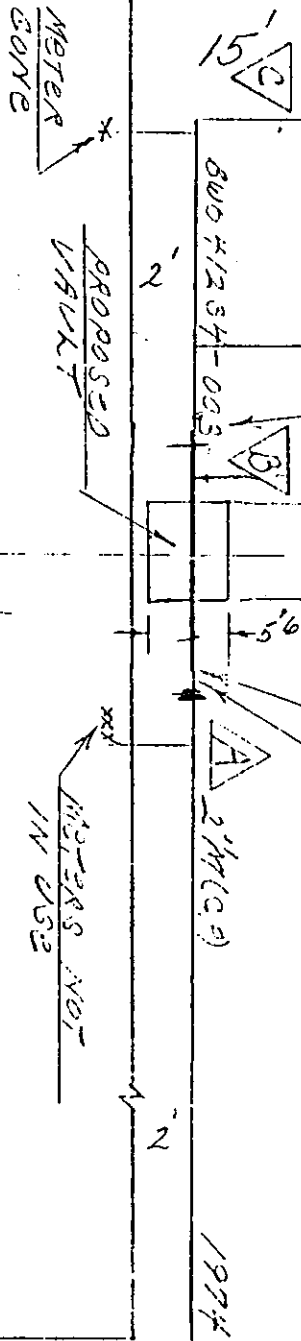
BY:

ANTHONY'S SHOP  
ADDRESS 1500 N. 75  
STREET CORNER 75th  
AND 8th AVE. S.W.

I - 26' - 2" IN  
A - 15' - 2" IN  
10' 11" IN

HOT PINCHNEOPEN  
FOR SHUT DOWN  
5' 7" 2" IN

ST. 99'  
CLAS CO.  
367-5513  
JIM LITTO



MAIN

CROSS

SECTION

ST.

UNIVERSITY

6' 11" (C.P.)

\* CHL SARAI MAQUET (714) 737-7737

3730 MAIN ST., RIVERSIDE

HE IS TO PROVIDE EXCAVATIONS FOR THE TOTAL FEET INST'D

FOR COMPANY CREW

INSTALL MAIN WITH AT LEAST " COVER BELOW

TOTAL FEET RETIRED

INSPECTOR'S PRINT

COUNTY RIVERSIDE  
DISTRICT RIVERSIDE  
TRACT NO. 111  
ATLAS NO. 21  
CATHOLICALLY YES ☒ NO ☐

RETIREDMENT # 29

PERMIT ISSUED BY RIVERSIDE

PERMIT NO. 1621

DATE MOVED ON JOB

DATE MOVED OFF JOB

DATE OF OPER.

YEAR C.P. INSTALLED  
OPER. 20% OR OVER ☐ S.M.Y.S.  
AT LESS THAN 20% ☐

PLANNED BY 11/11  
REVIEWED BY 11/11  
DISTRICT SUPERVISOR

STAKED ☐  
STAKING REQ'D ☐  
NO STAKES NEEDED ☒

COMPANY

COMPANY FACILITY: 11/11

SO. CAL. DIVISION  
WO. 11/11 CODE